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Harding Lawson Associates

June 10, 1998

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Mr. Christopher Stoker
Integrated Environmental Services, Inc.
3990 Westerly Place, Suite 210
Newport Beach, California 92660

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**Project Deliverables
Site Investigation Services
AOIs 1 - 4, Parcel B and Parcel A
Boeing Realty Corporation, C-6 Facility
Los Angeles, California**

Dear Mr. Stoker:

Harding Lawson Associates (HLA) has prepared this letter to transmit the project deliverables for site investigation services in Areas of Interest (AOIs) 1 through 4 at Boeing Realty Corporation's C-6 Facility, Parcel B, in Los Angeles, California. Also included are the subsurface and land survey data for a single 25-foot boring in Parcel A. HLA's services were provided in accordance with our proposal dated April 10, 1998, two revised proposals dated April 14 and April 28, and our two proposals dated May 15, 1998.

The following items are provided with this letter in hard-copy format:

- Description of site geology observed during the investigation
- A map showing the surveyed sampling locations for AOI 4 and for Parcel A
- Twenty-seven boring logs in gINT format
- Five field daily reports dated April 29 and 30, and May 20 through 22, 1998 (hard copy only).

An electronic version of the above deliverables, excepting the field daily reports, will be provided to you on CD ROM after we resolve formatting requirements.

Site Geology

A total of 27 soil borings were advanced during site investigation activities to a maximum depth of 25 feet below ground surface (bgs). Two borings were hand-augered in AOI 3 to a maximum depth of 8.5 feet bgs, 24 borings were advanced with an hydraulic push drill rig in AOI 4 to depths of 10.5 feet to 16 feet bgs, and one boring was drilled to 25 feet bgs in Parcel A using the drill rig. The site geologic descriptions are based on the soils encountered during drilling activities. Groundwater was not encountered during the investigation.

The two borings that were hand-augered in AOI 3 encountered silty clay and silty gravel fill 1- to 1.5-foot-thick underlain by native clay and clayey silt. The borings drilled in AOI 4 primarily encountered silt and clay to the depths investigated. A thin mantling of gravel fill up to 1-foot-thick was found in Borings AOI4-B4, B8, and B13 through B16. The 25-foot boring in Parcel A also encountered a thin layer of gravel fill overlying native silt. The native fine grained sediments represent recent alluvium that is a common near surface deposit in the Los Angeles Basin.



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HLA has appreciated the opportunity to work with you on this project and looks forward to working with you on future projects. Should you have questions regarding this letter, please contact either of the undersigned.

Very truly yours,

HARDING LAWSON ASSOCIATES



Mark Clardy
Senior Geologist



Ed Stewart
Associate Geologist
Operation Manager

Attachments

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cc: Mario Stavale, Boeing Realty Corporation